

LATITUDE 39°22'30" 2,670'  
 11,027' TO BOTTOM HOLE  
 LATITUDE 39°20'00"

9,906' TO BOTTOM HOLE — LONGITUDE 80°50'00"

13,261'

LONGITUDE 80°52'30"

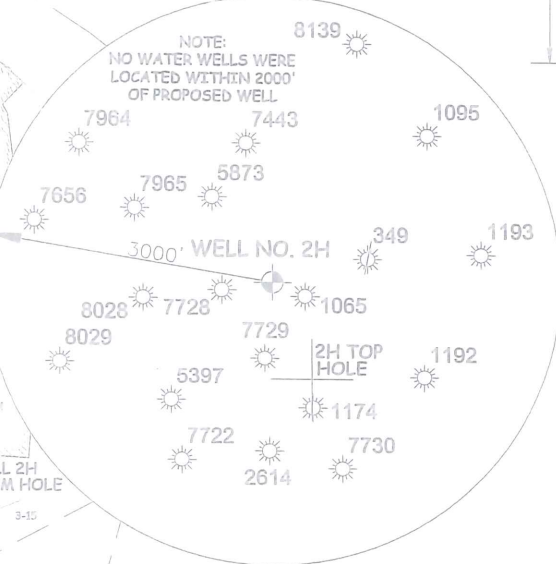
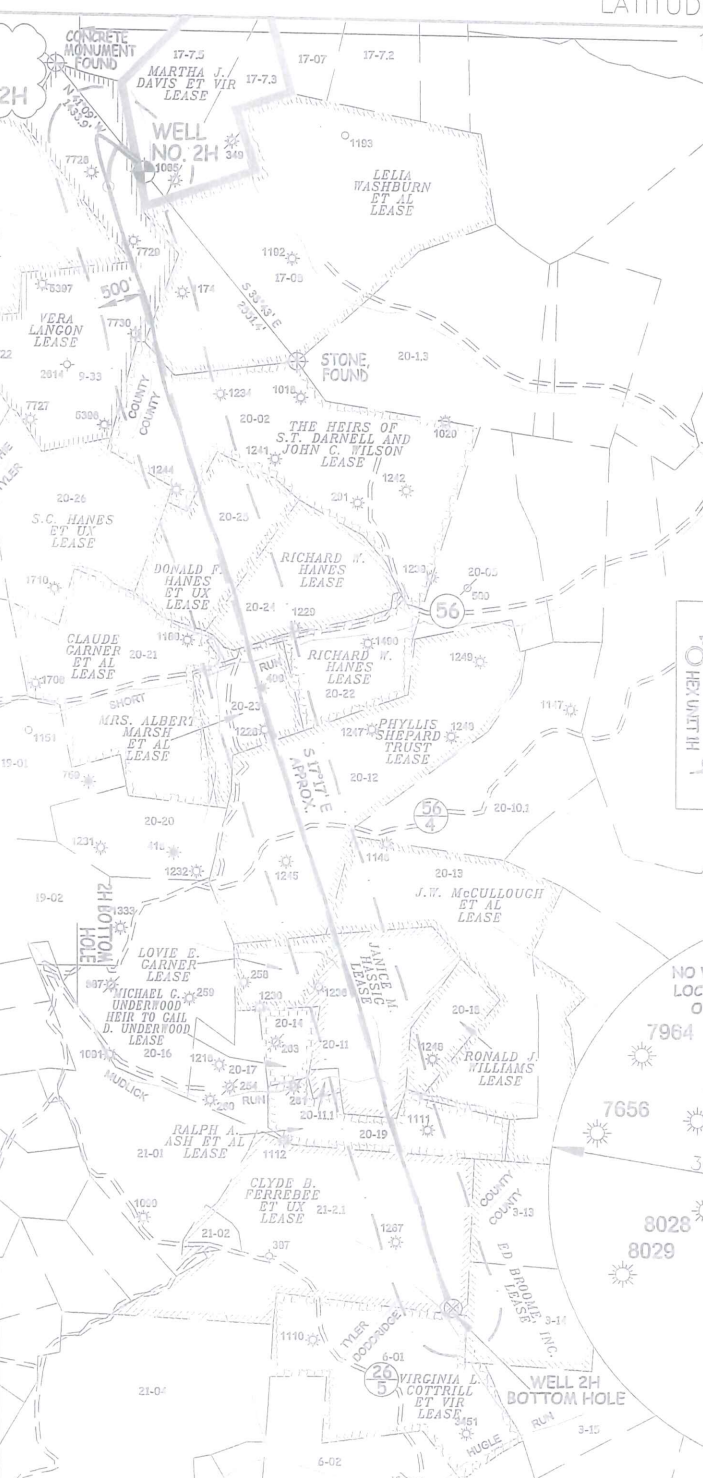
Antero Resources Corporation  
 Well No. Centerville Unit 2H

NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 308,449ft E: 1,608,438ft  
 LAT: 39°20'18.93" LON: 80°53'03.99"  
 BOTTOM HOLE INFORMATION:  
 N: 296,577ft E: 1,611,690ft  
 LAT: 39°18'22.09" LON: 80°52'20.29"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 4,354,367m E: 509,973m  
 BOTTOM HOLE INFORMATION:  
 N: 4,350,767m E: 511,024m



Clay District - Ritchie County			
9-20	Robert Langmeyer	312/911	129.32 AC
9-32	WVA Christian Youth Camp	178/198	87.75 AC
9-32.2	WVA Christian Youth Camp	178/198	30.25 AC
9-33	William Hart	313/273	98.79 AC
15-03	Karl Hochman	238/698	184.19 AC
15-3.1	WVA Christian Youth Camp	178/198	30 AC
15-11	Ronald Brasley Et Al	346/654	31 AC
Centerville District - Tyler County			
17-07	Roger Scott	85/223	20 AC
17-7.2	Roger Scott	207/043	30 AC
17-7.3	Roger Scott	211/621	30.88 AC
17-7.3	Randall Bond		32.16 AC
17-08	Eleanor Fowler	279/079	116 AC
19-01	Edwin Highway	W982/02	41 AC
19-02	James Ash Et Al		41.6 AC
20-1.3	Edward Getrell	W824/391	93.75 AC
20-02	Richard Foley	260/372	113 AC
20-05	Hertle Licot	348/334	85.1 AC
20-10.1	Eugene Walton	266/197	77.5 AC
20-11	Anchle Ambrose	313/532	61.85 AC
20-11.1	Robert Deak	333/537	2 AC
20-12	Phyllis Sheppard	264/427	85.25 AC
20-13	Robert Deak		100 AC
20-14	Nellie McCullough	368/517	9.93 AC
20-16	Antha Kern	122/397	59.25 AC
20-17	Nellie McCullough	368/517	18 AC
20-18	Ronald Williams	229/265	15 AC
20-19	William Stensbraker	356/508	29.31 AC
20-20	Edmond Garner	280/692	30.56 AC
21-01	Gary McCullough	269/446	84.42 AC
21-02	Edmund Garner	321/715	39.25 AC
20-22	Thadford Haldren Trust	321/715	30 AC
20-23	Thadford Haldren Trust	321/715	39.62 AC
20-24	Thadford Haldren Trust	301/131	41 AC
20-25	Coastal Forest Resources Co	280/692	62.5 AC
20-26	Edmond Garner	299/961	92.42 AC
21-01	Gary McCullough	269/446	43 AC
21-02	Arthur Colman	214/392	100.94 AC
21-04	Hammett Land & Minerals LLC	532/838	138.16 AC
Central District - Doddridge County			
3-13	Jeffrey James	348/712	35 AC
3-14	Jeff James	215/483	35 AC
3-15	Jeffrey James	329/680	209.85 AC
6-01	William Cottrill	239/479	69.25 AC
6-02	Edmond Rice	161/857	69.13 AC



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

- NOTICE**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
  2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, ETC.
  3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
  5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 17-009WA  
 DRAWING # CENTERVILLE2HAD  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 - - - - - Proposed Well Path  
 - - - - - As Drilled Well Path  
 DOUGLAS R. ROWE P.S. 2202  
 DATE 06/03/19  
 OPERATOR'S WELL# CENTERVILLE UNIT 2H

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 085 - 10338  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X STATE COUNTY PERMIT  
 LOCATION: ELEVATION 1,250' AS BUILT WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER RADALL BOND ET AL ACREAGE 32.16 ACRES +/-  
 OIL & GAS ROYALTY OWNER MARTHA J. DAVIS ET VIR; VERA LANGON; MRS. DORSEY P. CHRISLIP; LELIA WASHBURN ET AL; LEASE ACREAGE 70 AC±; 98.79 AC±; 87.75 AC±; 150 AC±; THE HEIRS OF S.T. DARNELL AND JOHN C. WILSON; DONALD F. HANES ET UX; RICHARD W. HANES; MRS. ALBERT MARSH ET AL; 113 AC±; 41 AC±; 39.63 AC±; 30 AC±; PHYLLIS SHEPARD TRUST; J.W. MCCULLOUGH ET AL; LOVIE E. GARNER; JANICE M. HASSIG; RALPH A. ASH ET AL; CLYDE B. FERREBEE ET UX; 86.25 AC±; 99.5 AC±; 19 AC±; 53 AC±; 30 AC±; 105 AC±;  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_  
 PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,693' TVD 19,164' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313